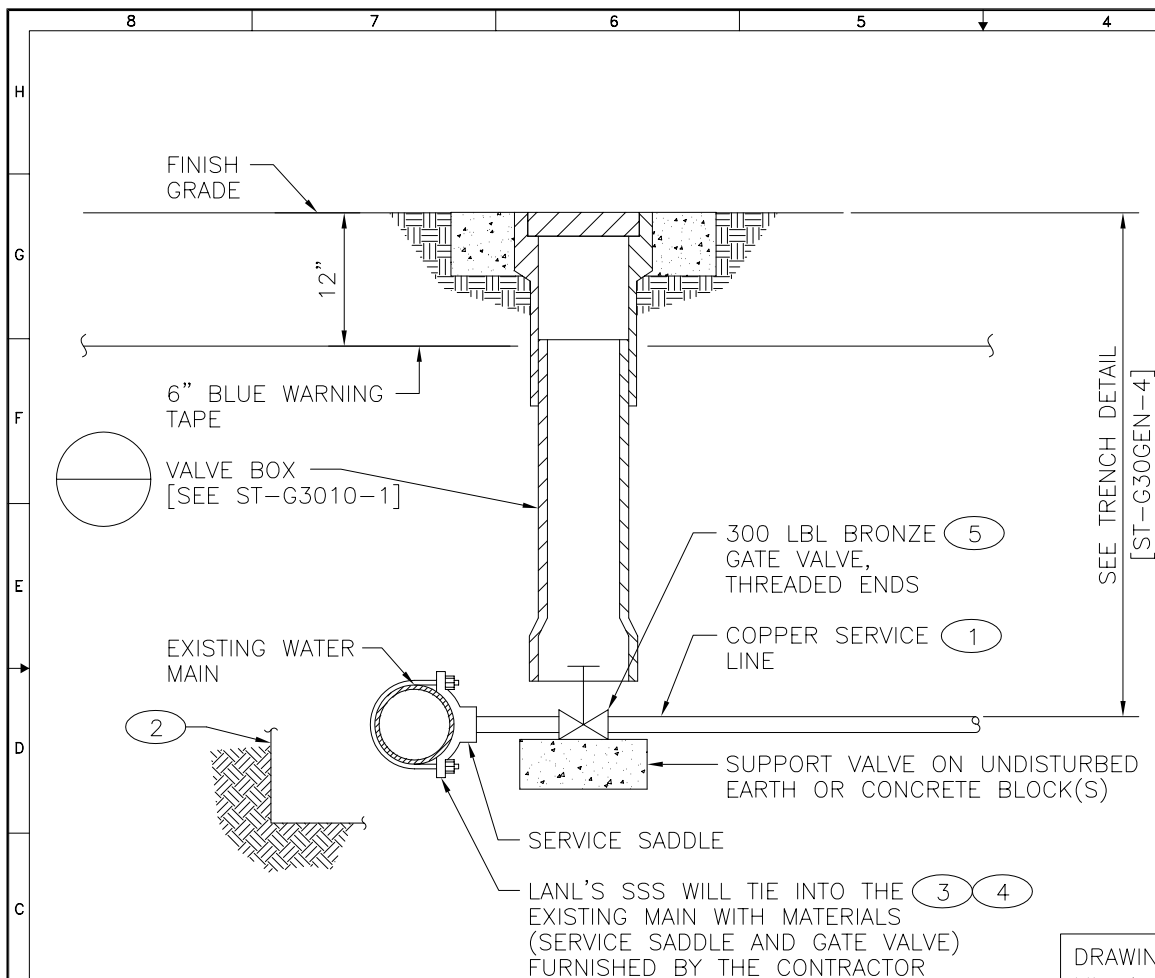


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KEYED NOTES:

- 1 RUN SERVICE LINE WITHIN 6" OF EXISTING MAIN.
- 2 MINIMUM BELL HOLE AT BOTTOM OF TRENCH: 24" FROM CENTERLINE OF NEW PIPE ON EACH SIDE; 18" FROM EDGE OF MAIN ON BACK SIDE; 8'-0" IN FRONT OF MAIN (LENGTH OF BELL HOLE); 18" UNDER MAIN. TAPER OR STEP TRENCH TO MEET OSHA REQUIREMENTS.
- 3 LANL CONSTRUCTION INSPECTOR WILL ENSURE MATERIALS REQUIRED FOR HOT TAP ARE AT JOB SITE, DISINFECTING AND PRESSURE TESTING OF THE SERVICE LINE HAVE BEEN COMPLETED, AND EXCAVATION OF BELL HOLE IS DONE PRIOR TO NOTIFYING SSS.
- 4 LANL CONSTRUCTION INSPECTOR WILL GIVE SSS 10 WORKING DAYS NOTICE OF THE NEED TO SCHEDULE A TIE-IN TO EXISTING UTILITIES.
- 5 LOCATE GATE VALVE NEAR MAIN - PREFERABLY IN UNPAVED AREA.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

WATER PIPING TIE-IN DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 3.

| | | | | | | | | |
|---|---------|-------|---|--------------------------------|------|------|-----|-----|
| 2 | 8-14-03 | U | EDITORIAL CHANGES & REVISED KEYED NOTE 4. | RP | JH | MS | EH | TO |
| 1 | 8-23-02 | U | GENERAL REVISION AND DWG. NO. WAS ST6105. | RP | EH | MS | EH | TO |
| NO | DATE | CLASS | DESCRIPTION | DWN | DSGN | CHKD | SUB | APP |
| FACILITY & WASTE OPERATIONS DESIGN ENGINEERING CONSTRUCTION SERVICES | | | | | | | | |
| ENGINEERING STANDARDS MANUAL | | | | DRAWN R. PEARSON | | | | |
| | | | | DESIGN E. HOTH | | | | |
| | | | | CHECKED M. SMITHOUR | | | | |
| WATER PIPING TIE-IN DETAIL 3/4" TO 2" COPPER SERVICE LINE | | | | DATE 6-28-99 | | | | |
| BLDG X | | | | TA-X | | | | |
| SUBMITTED | | | | APPROVED FOR RELEASE | | | | |
| DISCIPLINE POC: GURINDER GREWAL | | | | STANDARDS MANAGER: TOBIN ORUCH | | | | |
| CLASSIFICATION U | | | | REVIEWER LARRY BAYS | | | | |
| PROJECT ID | | | | DRAWING NO | | | | |
| CHAPTER 3 | | | | ST-G3010-2 | | | | 2 |